

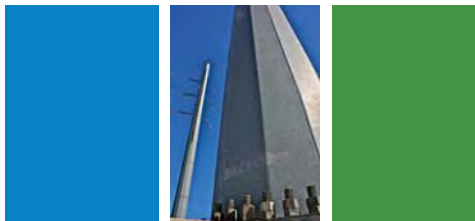
Appendix D

Series 1 Display Banners and Boards



**By the end of today's open house
you will have:**

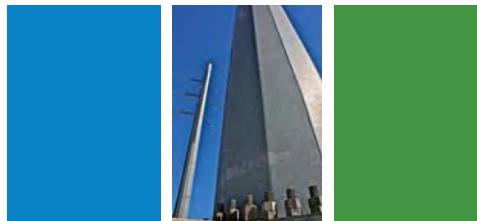
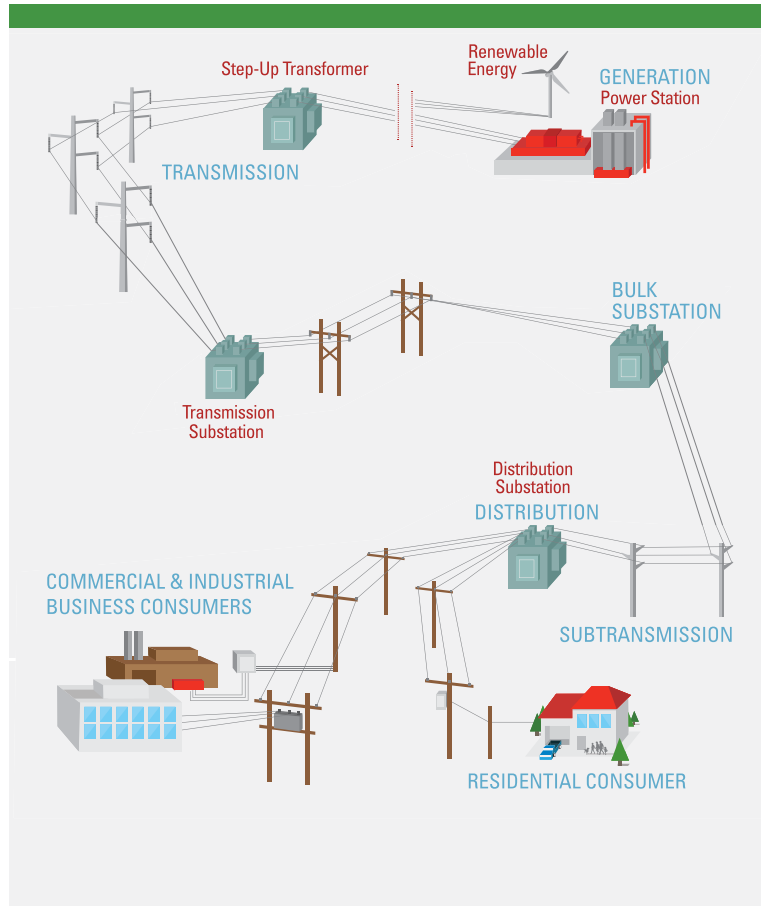
- Project information
- An understanding of the routing process
- Talked to team representatives
- Provided your input



HOW ENERGY IS DELIVERED

ATTN Exhibit 5.1 (Appendix D-Part 2)

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MISO MULTI-VALUE PROJECTS

ATXI Exhibit 5.1 (Appendix D-Part 2)

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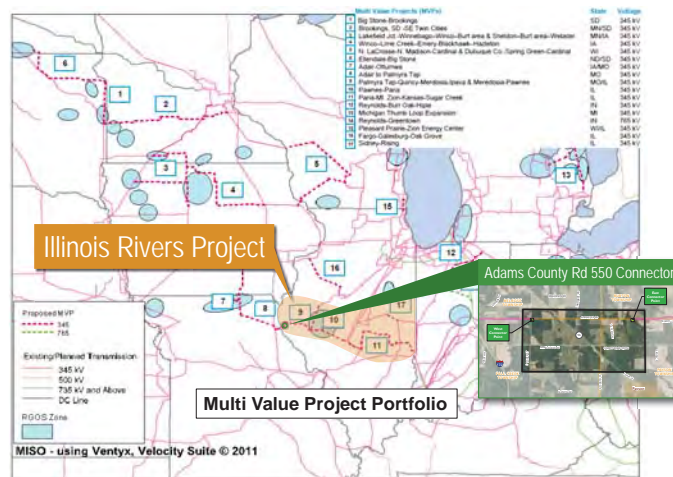
What is MISO?

Midcontinent Independent System Operator (MISO) exists to provide an efficient regional energy market, to foster wholesale electric competition, and to coordinate regional planning.

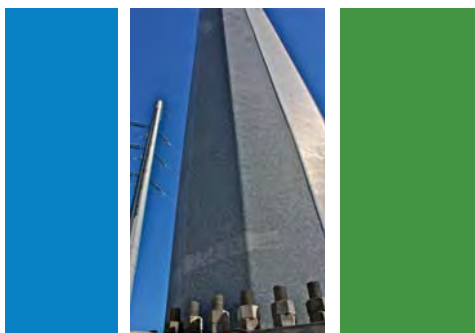


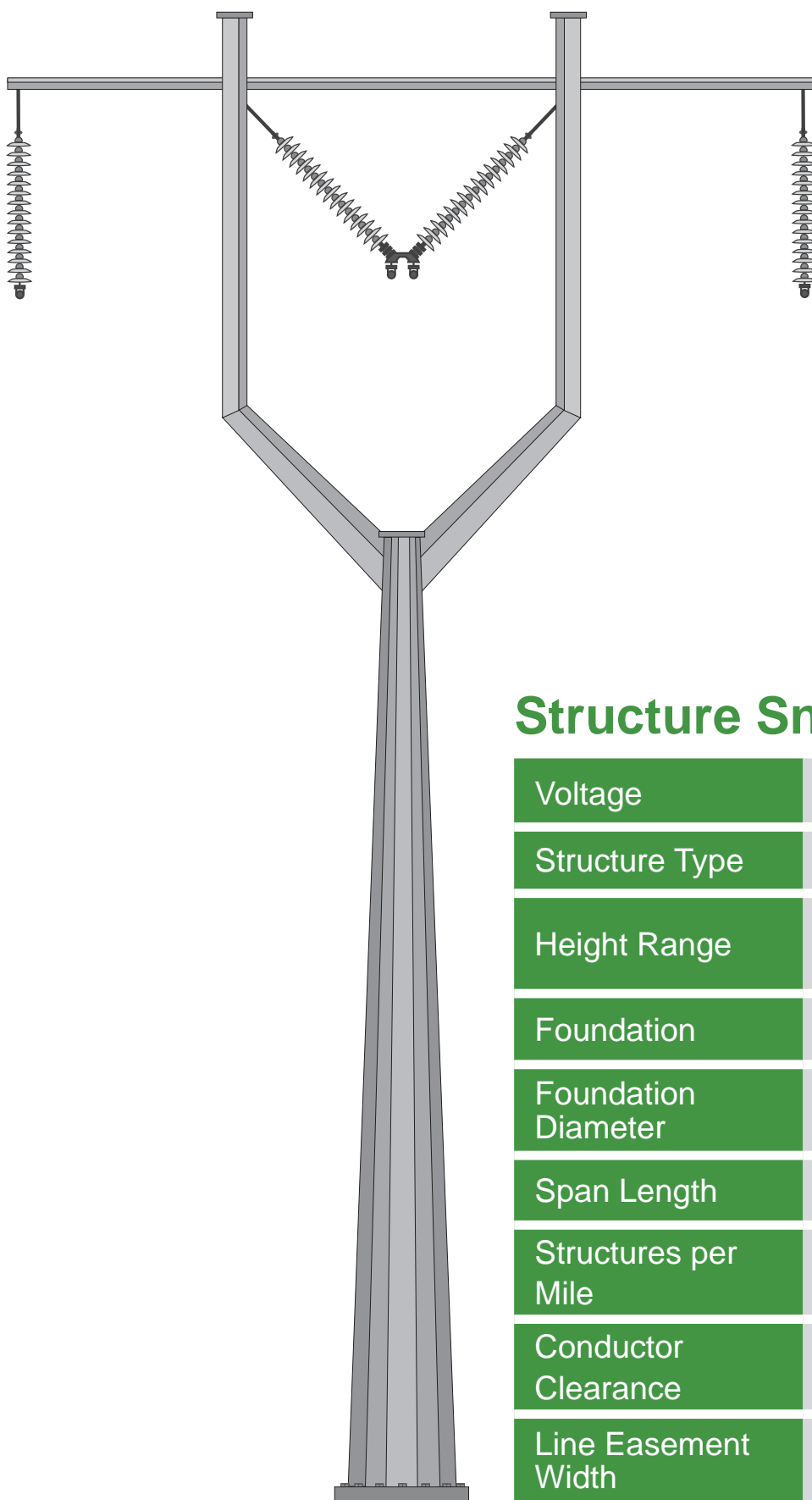
MISO market area

MISO Multi-Value Projects



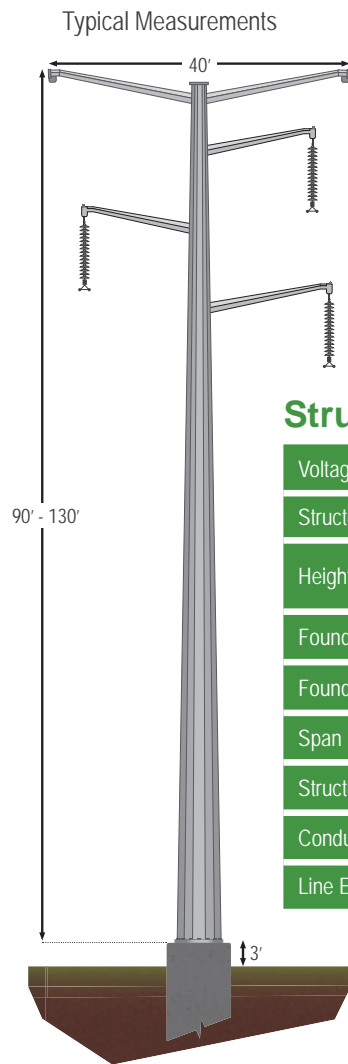
- Facilitate the delivery of renewable energy needed to meet state renewable energy requirements
- Improve access to lower-cost energy by reducing transmission congestion
- Strengthen the transmission system and improve reliability





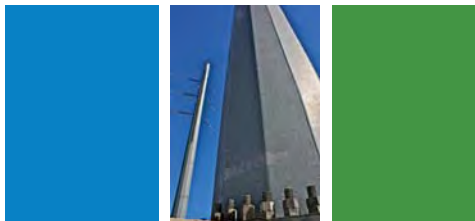
Structure Snapshot

Voltage	345,000 volts
Structure Type	Single-shaft Y pole
Height Range	55 – 70 feet tall (typical)
Foundation	Concrete pier
Foundation Diameter	6 - 9 feet
Span Length	365 feet (average)
Structures per Mile	13 - 14 (average)
Conductor Clearance	25 feet (minimum)
Line Easement Width	150 feet



Structure Snapshot

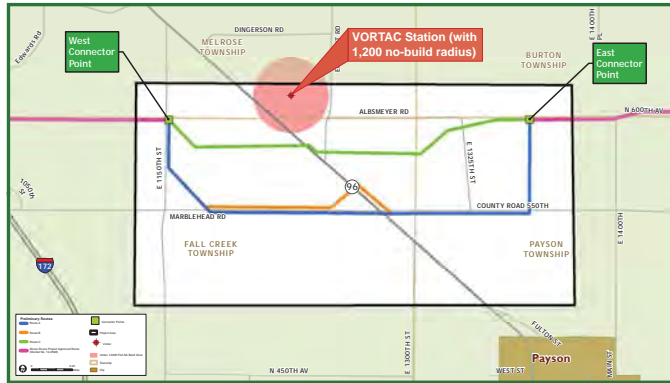
Voltage	345,000 volts
Structure Type	Single-shaft steel poles
Height Range	90 – 130 feet tall (typical)
Foundation	Concrete pier
Foundation Diameter	7 – 10 feet (typical)
Span Length	850 feet (average)
Structures per Mile	6 – 7 (average)
Conductor Clearance	25 feet (minimum)
Line Easement Width	150 feet



FEDERAL AVIATION ADMINISTRATION (FAA) RESTRICTIONS



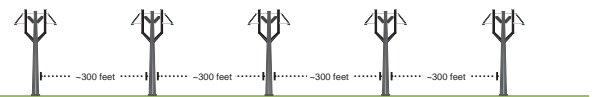
Preliminary Routes with VORTAC



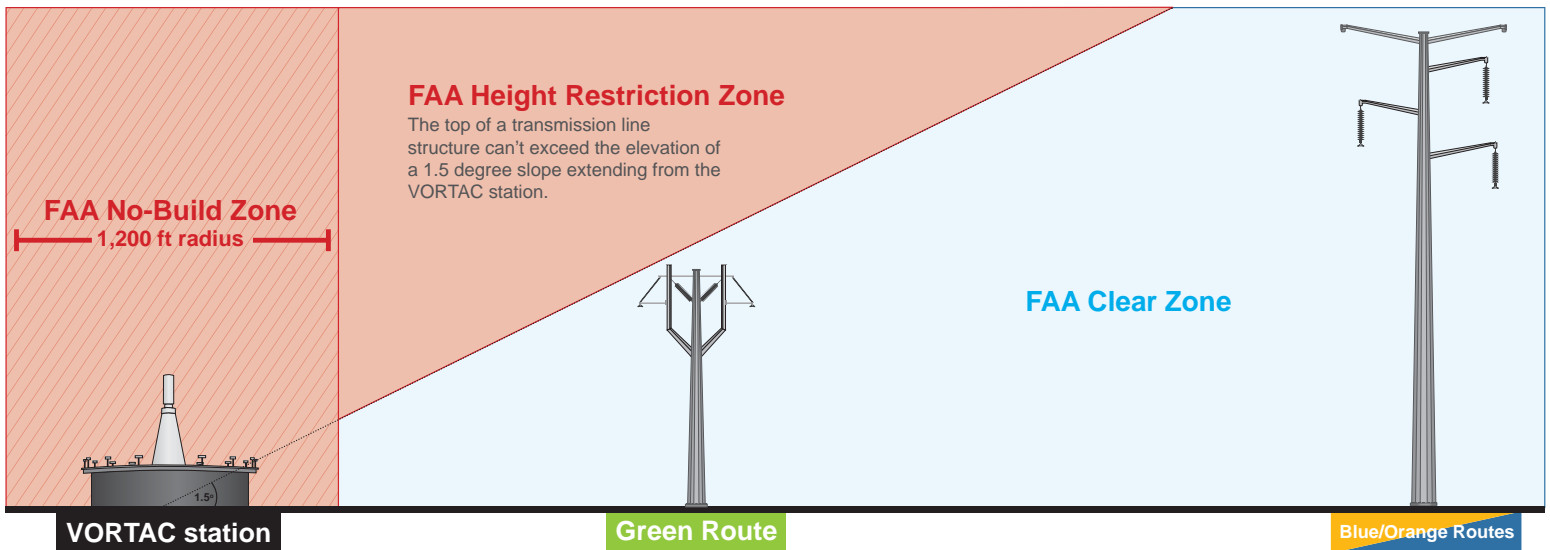
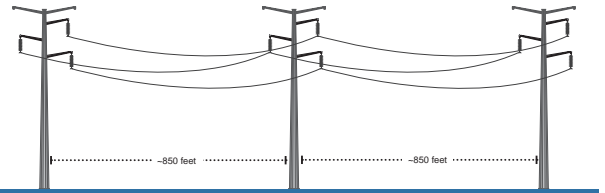
The green route's proximity to the VORTAC would require:

- A special structure type
- Shorter structures (~50 – 75 feet tall)
- Shorter spans between structures (~300 feet)

Green Route



Blue/Orange Routes



A VORTAC is a navigational aid for aircraft pilots consisting of a co-located VHF omnidirectional range (VOR) beacon and a tactical air navigation system (TACAN) beacon.

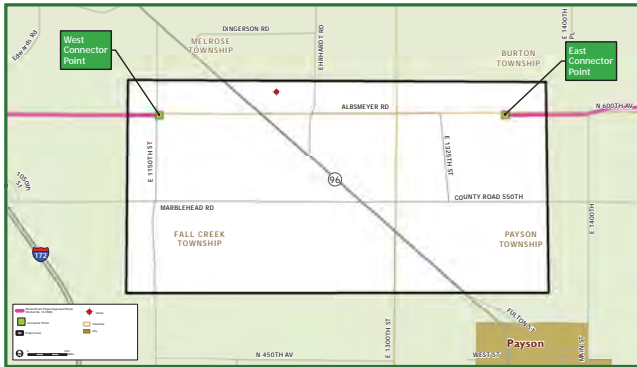
Diagrams are not shown to scale

ROUTING PROGRESSION

ATXI Exhibit 5.1 (Appendix D-Part 2)

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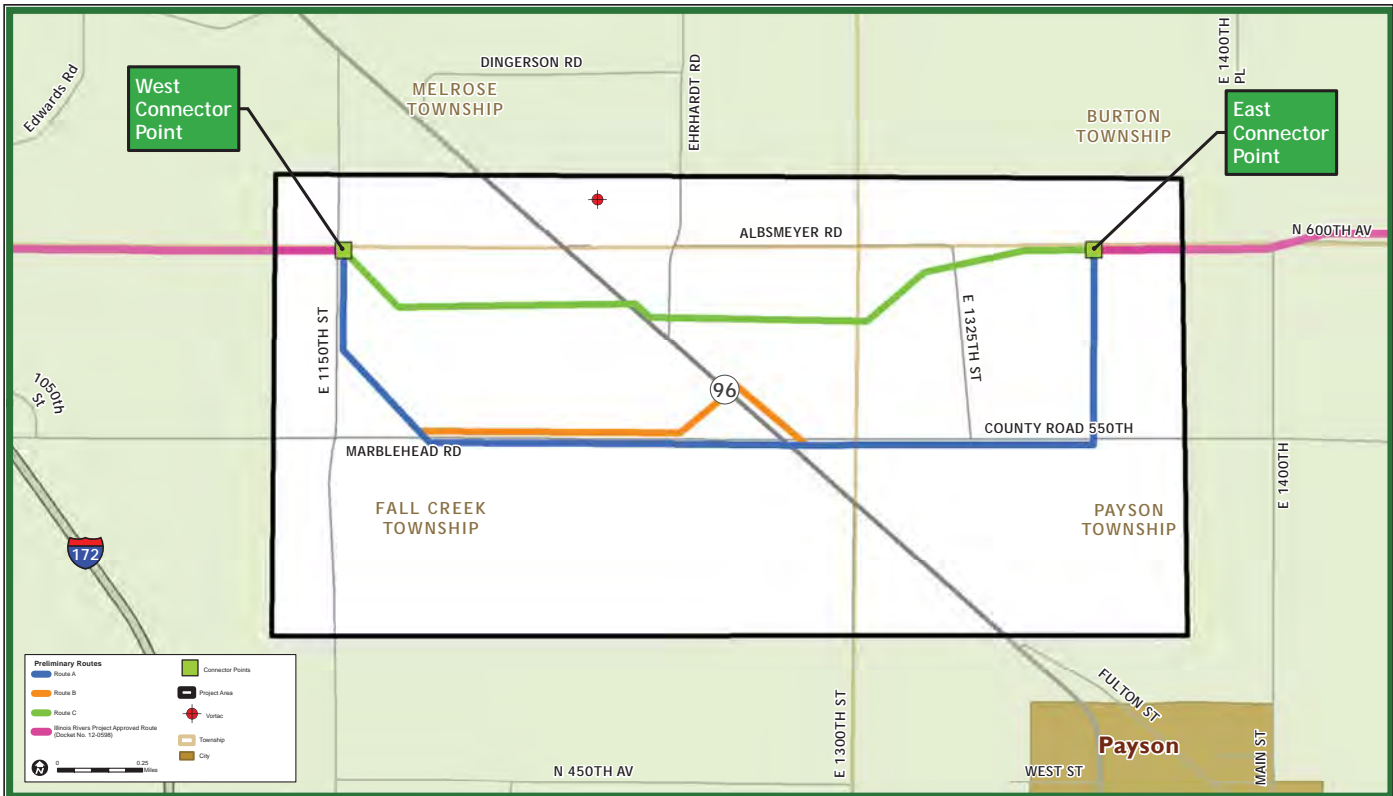
1 Project Area



2 Preliminary Routes



WE ARE HERE



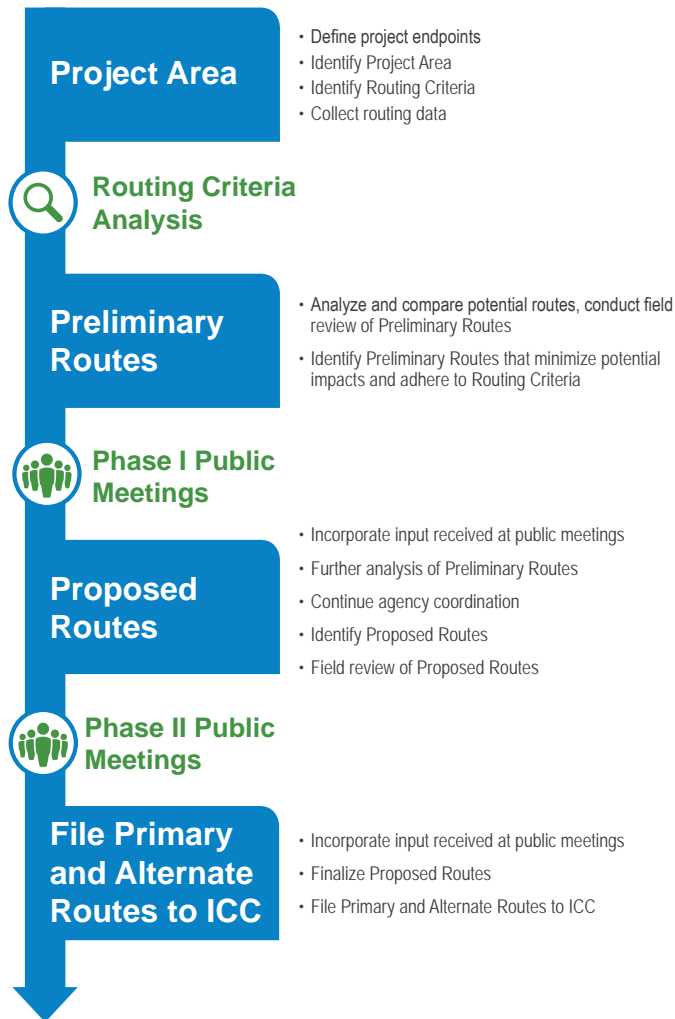
3 Proposed Routes

4



Finalize and submit routes to the Illinois Commerce Commission for review and route approval

ROUTE SELECTION PROCESS

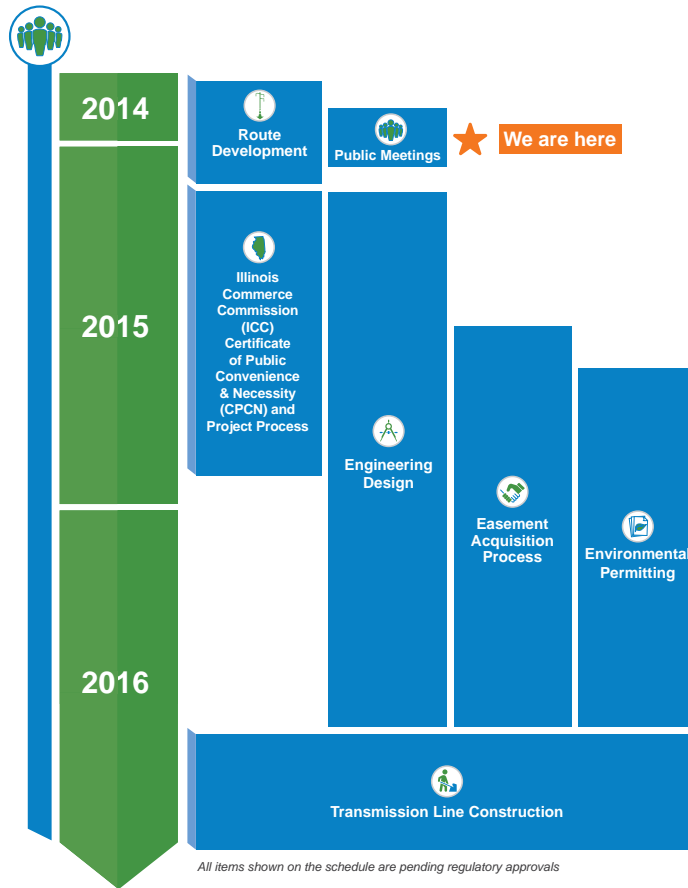


PROJECT SCHEDULE

ATXI Exhibit 5.1 (Appendix D-Part 2)

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Stakeholder and public outreach will occur throughout the project



REGULATORY PROCESS

Certificate of Public Convenience and Necessity (CPCN) and Project

Pre-route selection

Informational Packet

Public Meetings

Post-route selection

ATXI's Petition, Testimony,
and Exhibits for a CPCN
and Project*

ICC Notice to Affected
Landowners

Data/Information
Requests by Parties to
ICC Proceeding

ICC Staff and
Intervenor Testimony
and Exhibits**

Evidentiary Hearing(s)
held by the ICC

Legal Briefs/Proposed
Order



**Commission
Approval**

*Pursuant to Sections 8-406.1 and 8-503 of the Public Utilities Act.

**Opportunity for intervening stakeholders and landowners to present evidence in support of, or in opposition to, the proposed project or route occurs in the context of the evidentiary proceeding.



The Illinois
Commerce
Commission is
the State agency
responsible
for reviewing,
approving, or
denying submitted
CPCN and Project
applications.

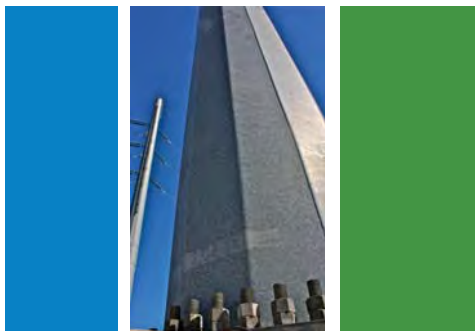


Once the Petition is
filed, the ICC will issue a
docket number. For more
information, visit:

www.icc.illinois.gov

Docket documents can be
viewed at:

**[www.icc.illinois.gov/
e-docket](http://www.icc.illinois.gov/e-docket)**



ADDITIONAL PERMIT REQUIREMENTS



ATXI may need additional permits or approvals from various federal, state, and local agencies. These include but are not limited to:



U.S. Army Corps of Engineers

Section 404, Section 408 and Section 10



U.S. Fish and Wildlife Service

Endangered Species Act, Bald and Golden Eagle Protection Act, and Migratory Bird Treaty Act



Illinois Environmental Protection Agency

Section 401 Water Quality Certificate and General NPDES Permit for storm water discharge from construction site



Illinois Historic Preservation Agency

Section 106 Review



Illinois Department of Transportation

Road permits



Illinois Department of Natural Resources

State protected natural features (e.g. endangered species)



Illinois Department of Agriculture

Agricultural Impact Mitigation Agreement (AIMA)

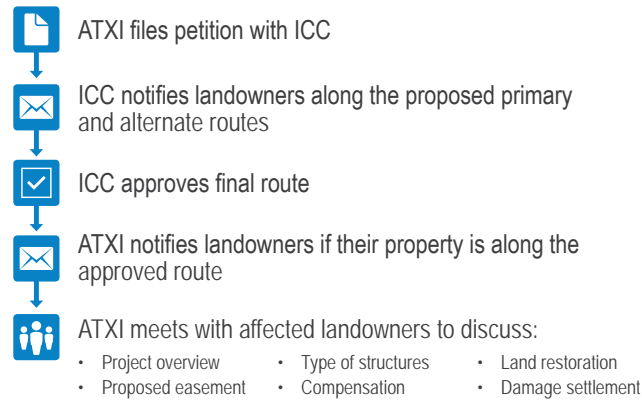


Local Permits

Erosion control and road crossings



Easement acquisition process

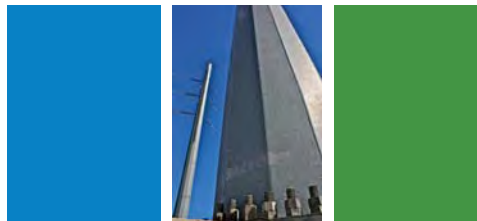
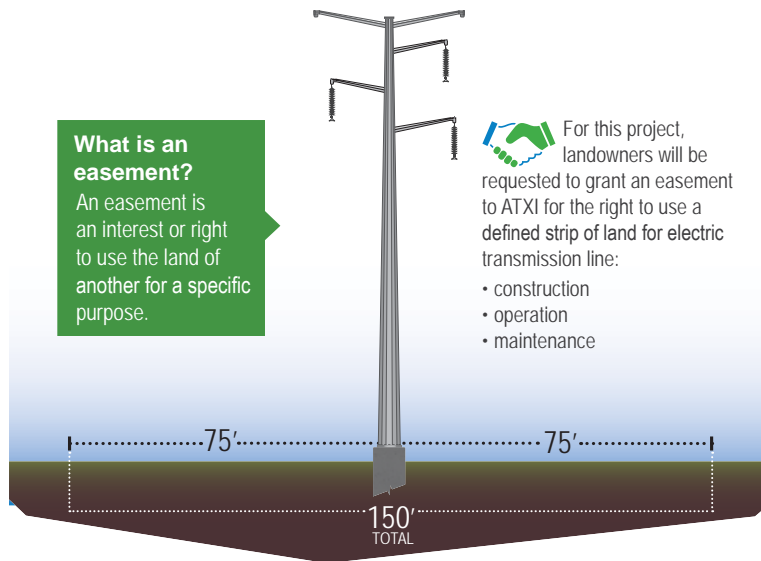


What is an easement?

An easement is an interest or right to use the land of another for a specific purpose.

For this project, landowners will be requested to grant an easement to ATXI for the right to use a defined strip of land for electric transmission line:

- construction
- operation
- maintenance



Pre-construction coordination

• Contractors • Landowners • Stakeholders

1 Survey structure locations



2 Auger holes and pour foundation



3 Assemble structure on the ground



4 Lift and place structure on foundation



5 String wires



6 Restore easement and energize line





We value your input



Comment Forms

Submit a comment form today or mail it to us later



Website

Visit our website at AdamsCountyConnector.com
submit a comment online at any time



Hotline

Call our toll-free hotline at (888) 825-1816



Email

Email us at AdamsCountyConnector@ameren.com



Ways to stay informed



Talk to our team representatives to gather
information on specific topics and areas



Visit our map stations to verify information
about your property and community



Follow the ICC process

